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1110 SC
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30449

7590

12/20/2004

SCHMEISER, OLSEN + WATTS
 SUITE 201
 3 LEAR JET
 LATHAM, NY 12033

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| (Depositor's name) |
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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/708,647 | 03/17/2004 | Hiroyuki Akatsu | FIS920030390 | 2646 |

TITLE OF INVENTION: VERTICAL SEMICONDUCTOR DEVICES

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO | \$1400 | \$300 | \$1700 | 03/21/2005 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|-------------------|----------|----------------|
| PICARDAT, KEVIN M | 2822 | 438-270000 |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

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2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Schmeiser, Olsen &
 2. Watts; Steven
 3. Capella

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY, and STATE OR COUNTRY)

International Business Machines Corporation, Armonk, NY
 Infineon Technologies North America Corp. San Jose, CA

04/13/2005 SLUANG2 00000006 090458 10708647

01 FC:1501
02 FC:15041400.00 DA
300.00 DAPlease check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

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5. Change in Entity Status (from status indicated above)

(IBM)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

Jack P. Friedman

Date

12/30/2004

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44,688

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